ACTIVEON

Life. Camera. Action!

CX

USER MANUAL

www.activeon.com

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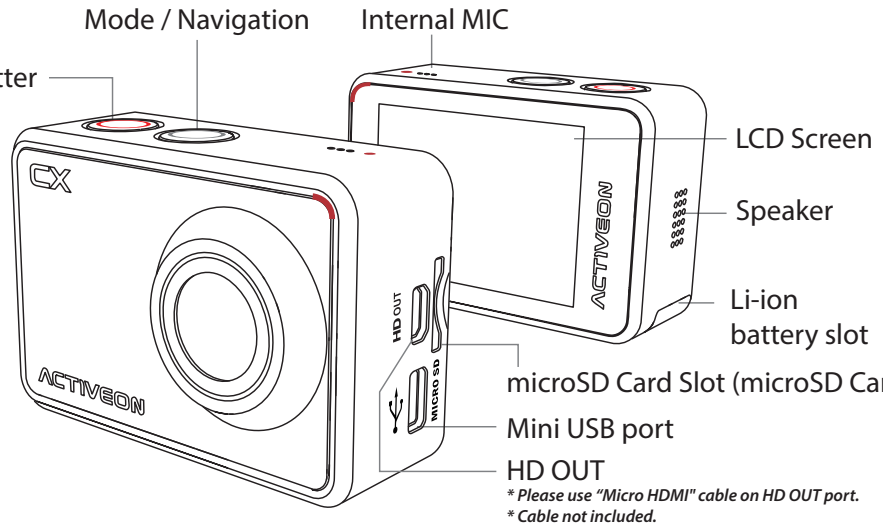
CE 2200 FC RoHS

** Please read this manual carefully before the use!*

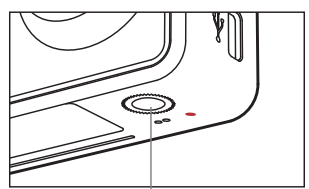
ACTIVEON

CX

1. Name of each part



● LED Indicator
(Top, Bottom, Front, Back)



Tripod hole (Bottom)

2. Operation & button description

- ACTIVEON CX is operated by two buttons. (button , button)
- ( )button features "Power, Shutter and Enter".
- ( )button features "Mode change, Navigation and User menu".
- The feature of buttons are defined as below table.

Function	Button	Description
Power On / Off		Press ( ) button and hold for 2 seconds **** If Auto Power off is set, the camera will automatically shut down in 3 minutes when there is no operation.***
REC Start / Stop		Press ( ) button to start video recording or photo shoot (Video / Photo / Burst / Timelapse)
Confirm setting menu		Within user setup mode, press ( ) button to enter setting menu in each category

Function	Button	Description
Mode change		Press the ( ) button to switch modes (Video > Photo > Photo burst > Photo timelapse)
User menu		Press the ( ) button and hold for 2 seconds to enter user setup mode
Navigator		Press the ( ) button to move select bar on OSD menu or change setting

3. Start the camera

1. Open the battery cover and insert ACTIVEON CX Li-ion battery.
2. Insert microSD Card on the microSD Card slot. (The camera will not record when microSD Card is not inserted.)
3. Press the ( ) button and hold for two seconds. (The camera will turn on and LCD screen will display live image.)

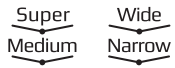
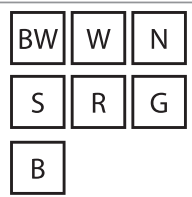
4. LCD screen shot

Video screen

Photo screen

No.	Function	Description
①	Current mode	Shows current mode (video or photo)
②	Shooting mode	Shows current shooting mode (Video - Auto stop / Looping / Timelapse) (Photo - Self timer / Timelapse / Burst)
③	Recording time information	Shows recording time information (Current recording time / Usable recording time)
④	Battery	Shows battery capacity status
⑤	Resolution	Video / Photo Resolution
⑥	FOV	While shooting video or photo, it shows viewing angle mode (Super wide / Wide / Medium / Narrow)
⑦	Zoom	Shows current zoom level (None / x2 / x3 / x4)
⑧	Effect setting	Shows current effect setting (Effect / Quality / Filter / AE meter / Upside Down)

5. Graphical icon description

Mode	Function	Icons	Description
Live screen	Current mode		Video mode
			Photo mode
	Battery		Shows battery capacity status
	FOV		Shows FOV setting status (Super wide / Wide / Medium / Narrow)
	Zoom		Shows current zoom level (None / x2 / x3 / x4)
	Effect		Shows current recording effect status (Sports / Aqua / Night)
	Image quality		Shows current recording image quality status (Super Fine / Fine / Normal)
	Filter		Shows current recording filter status. (Off / Black&White / Warm / Negative / Sepia / Red / Green / Blue)
	AE Meters		Shows current recording AE meter status (Spot / Center / Average)

Mode	Function	Icons	Description
Video	Auto stop		Records video until set time. (1min / 5min / 10min / 30min)
	Timelapse		Captures images in set intervals and creates a timelapse video file. (1sec / 3sec / 5sec / 10sec /30sec / 60sec)
	Looping		Continuously records a video for a set time until you stop. (5min / 20min / 60min / 120min)
Photo	Self Timer		Captures an image after a set time. (5sec / 10sec / 15sec)
	Burst		Photo burst shooting (3/1sec , 5/1sec)
	Timelapse		Captures images continuously in set intervals until you stop. (1sec / 3sec / 5sec / 10sec / 30sec / 60sec)

6. Video recording

1. After the camera is turned on, Press( ) button to start video recording.
2. When the camera starts to record, LED light blinks* and shows recording time on the screen.
3. Press( ) button to stop recording.
4. You can adjust video settings in “User Menu”.

If LED off option is selected in user setup, LED light will not blink.

7. Photo shoot

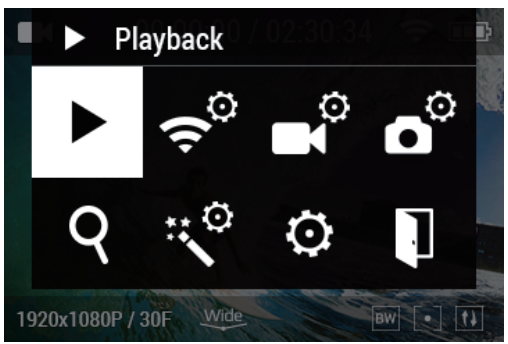
- Press ( ) button to change to photo mode.
- Mode changes as

Video mode → **Photo mode** → **Photo burst** → **Photo timelapse** in turn.

1. Press ( ) button to shoot photo.
2. In 'Photo Timelapse' mode, Press ( ) button to stop photo shooting.
3. You can adjust photo settings in "User Menu".

8. User menu

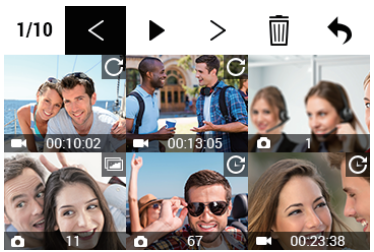
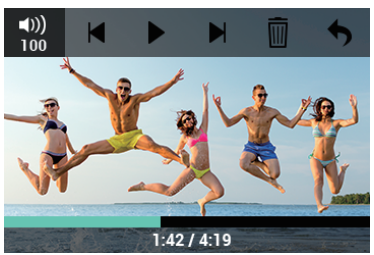
- You can view recorded video/photo and adjust settings in "User Menu".

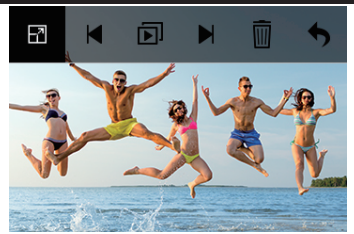


1. Press ( )button and hold for two seconds to enter user menu.
2. User menu is divided into seven categories.
   (Playback, WiFi, Video, Photo, Zoom, Effect and General setting)
3. Press ( ) button to move to next option.
4. Press ( ) button to select and confirm each user menu within sub-menu.

8-1. Playback mode

- User can view recorded video or photo on the screen.
- Press (◯) button to select control panel on top menu.
- While the file is playing, you can call the play control panel by (◯) button.

Function	Operation
	**Thumbnail view** Press (◯) button to choose file. Press (◯) button to select. Below icons indicate different shooting modes. (Video / Photo / Looping / Timelapse / Burst)
	**Video playback** Press (◯) button to use control panel. Press (◯) button to select.

Function	Operation
	**Photo playback** Press ( ) button to use control panel. Press ( ) button to select.

8-2. User setting

Function	Sub menu	Description
WiFi	WiFi APP	Turn on WiFi to connect with smartphone
	OFF	Turn off WiFi to disconnect with smartphone
	BACK	Return to previous menu
Video Setting	Recording mode	Manual / Auto Stop / Looping / Timelapse Video
	Auto Stop	1min / 5min / 10min / 30min
	Video Timelapse	1sec / 3sec / 5sec / 10sec / 30sec / 60sec
	Looping	5min / 20min / 60min / 120min
	Resolution	NTSC : 1080p 30fps / 960p 30fps / 720p 60fps / 720p 30fps / 480p 60fps PAL : 1080p 25fps / 960p 25fps / 720p 50fps / 720p 25fps / 480p 50fps
	BACK	Return to previous menu

Function	Sub menu	Description
Photo Setting	Shooting mode	Manual / Self-Timer / Burst / Timelapse
	Self-Timer	5sec / 10sec / 15sec
	Burst	3 photos per 1 sec / 5 photos per 1 sec
	Timelapse	1sec / 3sec / 5sec / 10sec / 30sec / 60sec
	Resolution	5MP / 4MP / 3MP
	BACK	Return to previous menu
Zoom	x1	Zoom in (x1/x2/x3/x4)
	x2	
	x3	
	x4	
Effect Setting	FOV	Super wide / Wide / Medium / Narrow
	Quality	Super Fine / Fine / Normal
	Upside Down	On / Off
	AE Meter	Center / Average / Spot
	EV	-2.0 / -1.0 / 0 / 1.0 / 2.0

Function	Sub menu	Description
Effect Setting	Filter	Off / Black&White / Warm / Negative / Sepia / Red / Green / Blue
	Time Stamp	On / Off
	Effect	Off / Aqua / Sports / Night
	White Balance	Auto / 3000K / 5500K / 6500K
	ISO	100 / 200 / 400 / 1600 / Auto
	BACK	Return to previous menu
General Setting	Mic Volume	Off / 30% / 70% / 100%
	Speaker	Off / 30% / 70% / 100%
	Beep	On / Off
	LED Indicator	Off / Two / Four
	TV Out	NTSC / PAL
	Memory Format	Yes / No
	Time Setting	MM>DD>YY>HH>MM>AM/PM>DONE
	Auto LCD off	Never / 1min / 2min / 3min
	Brightness	25% / 50% / 75% / 100%

Function	Sub menu	Description
General Setting	Auto Power off	Never / 1min / 2min / 3min
	Default Setting	Yes / No
	Version Info	Displays current camera software version
	WiFi Info	Displays current WiFi SSID and Password
	BACK	Return to previous menu

9. Recharging battery

- LCD will show the low battery icon( ) when the battery is too low and close to the cut off level.
- The camera will save the file automatically until it is turned off. You must recharge your battery to restart.
- It will take about 3.5 hours for a full charge by USB port.
- You can use a Battery Charger (optional accessory) for fast charging.

1. Turn off the camera.
2. Connect the camera USB port to your computer via USB cable.
3. LED will turn on indicating battery is being charged.
4. LED will be turned off when it is fully charged.

10. Smartphone control

- Utilizing WiFi APP function of ACTIVEON, user can control the camera through smartphone.
- Compatible with iOS and Android OS.
- Before connecting the camera, download 'ACTIVEON' application from smartphone app store.
- Search for 'ACTIVEON' in Apple App Store or Google Play Store.

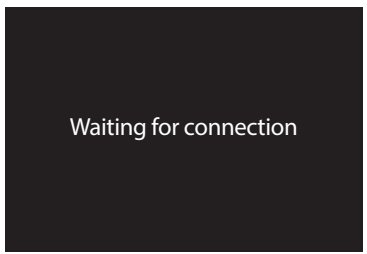
** While smartphone is connected to the camera, camera button operation will be disabled.*
** You can take a video and photo, and adjust camera setting on 'ACTIVEON'.*
** 'ACTIVEON' features will be upgraded through application update through your smartphone.*

11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)

On your camera

- Turn on 'WiFi APP' function in ACTIVEON CX.
- The camera screen will display "Waiting for connection"

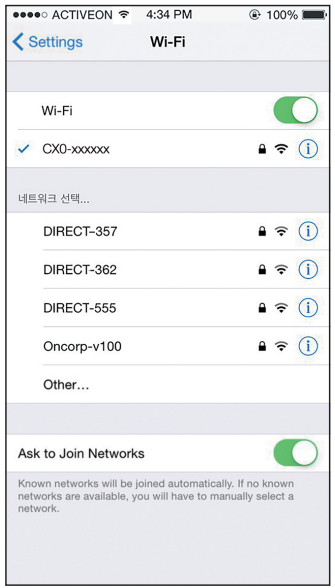
** If you want to turn off 'WiFi APP', Press (◯) for 2 seconds and choose "Off". At that time, you can turn off the "WiFi APP" and exit from the black screen.*

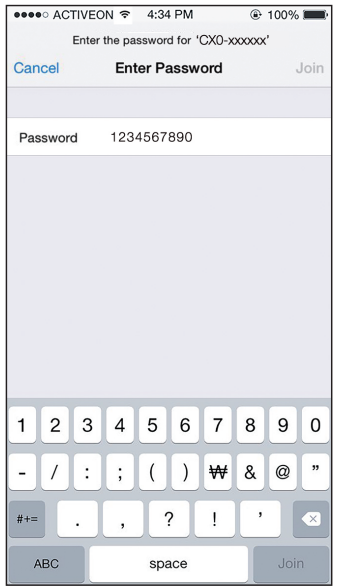


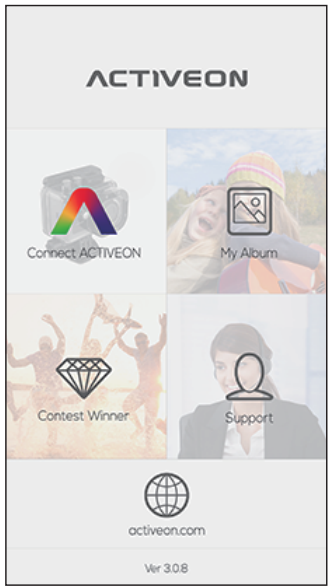
11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)

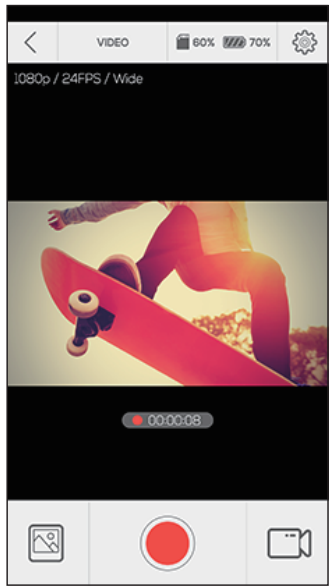
On your Smartphone

- On your smartphone or tablet, turn the WiFi on and select the network CX0-xxxxxx under WiFi setting.
- Default password is '1234567890'.
- Run 'ACTIVEON' app on your smartphone or tablet.
- Press 'Connect ACTIVEON' on the app, now you can control your ACTIVEON camera.









12. Transferring data to computer (compatible with both Windows OS and Mac OS)

- If the camera is connected to a computer or battery charger while it is powered off, the camera starts to recharge the battery.
- If the camera is connected to a computer while it is powered on, the camera changes to file–transfer mode.
- While the camera is connected to a battery charger or car charger for recharge, the camera can record while it is recharging.

1. Power on ACTIVEON CX.
2. Connect the camera to a computer via USB cable.
3. The camera LCD will display as 'USB Ready'.
4. Go to ‘my computer’ in PC.
5. Search ‘removable disk’.
6. Double click ‘removable disk’.
7. Double click ‘DCIM’ folder.
8. Open the folders to find video or photo file.
9. Copy and paste files to the computer.

13. Firmware update (Find the latest firmware at www.activeon.com)

- You can always find the latest firmware updates of ACTIVEON products on the website. (www.activeon.com)
- Firmware upgrade may not available if battery is too low.
- Recharge up to two cells of battery gauge for proper upgrade.

1. Format the memory card, and copy firmware file to the root directory of microSD Card.
2. Insert the microSD to ACTIVEON CX and turn on the power.
3. Firmware upgrade will automatically start as showing the updating status on the screen.
4. When upgrade is completed, the camera shows 'F/W Updating' and automatically turns off.

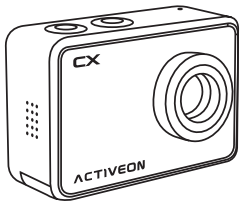
**** Do Not turn off the device or take out the battery during firmware upgrade.***

14. Features and specifications

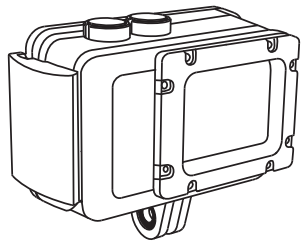
- "ACTIVEON CX" 1080p 30fps Action camera
- Full HD(1920 x 1080) resolution, 30fps recording
- 196ft(60m) waterproof housing
- 4M pixel high precision digital image CMOS sensor
- 170° wide-angle field of view (FOV) ***(* Video recording 160 ° FOV)***
- Built-in 2.0" LCD(320x240) screen
- Built-in WiFi antenna
- Versatile recording resolution(1080p/960p/720p/480p)
- Burst photo-shooting ***(* upto 5 shots in 1 second)***
- H.264 codec, saved as MOV format.
- Rechargeable Li-ion battery
- Battery running time : Approximately 120 minutes of continuous recording (1080p 30fps)

  **** recording time may vary, depends on environmental condition***
- Recharging time : 3.5 hours by USB port / 2.5 hours by AC adapter (Optional Accessory)
- Easy graphical user interface in LCD display
- Full line of mounting accessories

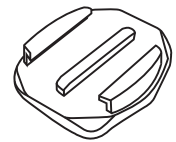
15. Inside the Package



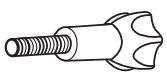
ACTIVEON CX
Action camera



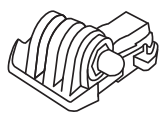
Waterproof
Housing



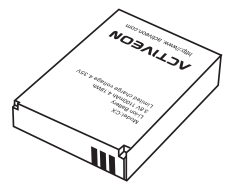
Curved Adhesive
Mount



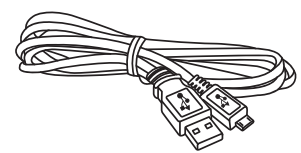
Connecting Screw



Short Connector



Rechargeable Li-on Battery



USB Cable

CX

NOTICE

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CAUTION

It could be exploded if the battery is inappropriate type. Please insert proper type of battery according to instructions.

The symbol means that according to local laws and regulations your product should be disposed of separatly from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

FCC RADIO FREQUENCY INTERFERENCE STATEMENT

FCC ID : XOMCCX01

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.00

RF Exposure Information (SAR)

NOTE : This appliance and its antenna must not be co-located of operation in conjuction with any other antenna or transmitter. A minimum separation distance of 20cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.

This device meets the U.S. government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Goverment.

The exposure standard employs a unit of measurement known as the Specific Absorption. Rate(SAR). The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC, with the device transmitting at the certified power level in all tested different channels.

The FCC have granted an Equipment authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC, and can be found under the Display Grant section of www.fcc.gov/oet/ea/fddid after searching on **FCC ID : XOMCCX01**

This device is compliance with SAR for general population / uncontrolled exposure limits in ANS/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET bulletin 65 Supplement C.

ACTIVEON